

Anti-Complement Component C3 (human)

CAT. NO. CAM 008-01

OVERVIEW

Product Name	Anti-Complement Component C3 (human)	Conjugation	Unconjugated
Description	Mouse monoclonal antibody	Host	Mouse
Isotype	IgG1/k	Clone	F1-8
Tested Applications	ELISA, IP, IAP		

SPECIFICITY

Specificity	CAM 008-01 is specific for human complement component 3 (C3/C3b/C3c). The antibody CAM 008-01 reacts with the 75 kd beta-chain of the human complement factor 3.		
Immunogen	Complement component 3 (C3) purified from human plasma.	Gene ID	718
Target	C3 is a central component of the complement system, consisting of a beta-chain (75 kDa) and an alpha-chain (110 kDa) connected by cysteine bridges. Cleavage of C3 into C3b (177 kDa) and C3a (9 kDa) is a pivotal step in the complement activation cascade, which can be initiated by three distinct pathways—the classical, the lectin and the alternative complement pathway.		
Species Reactivity POSITIVE	Human	Species Reactivity NEGATIVE	Not determined

PROPERTIES

Form	Liquid	Unit Size	0,4 mL and 1 mL
Concentration	1 mg/mL ±15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	CAM 008-01 was used in ELISA. (1)
IP	CAM 008-01 was used in IP. (1)
IAP	CAM 008-01 was used in IAP. (1)

SCIENTIFIC REFERENCES

1. Palarasah Y, Skjodt K, Brandt J, Teisner B, Koch C, Vitved L, Skjoedt MO: Generation of a C3c specific monoclonal antibody and assessment of C3c as a putative inflammatory marker derived from complement factor C3. J Immunol Methods 362:142-150, 2010

CONDITIONS

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.